

May 11, 2004

Project 184 Weekly Update
Website: www.project184.org

Our New Toll Free Project 184 information number is now working. **The new number is 1-(866)-776-5184 or 1-(866)-project184.**

Summary of Environmental Planning and Compliance Activities
For Project 184
Week Ending May 7, 2004

Mill to Bull Tunnel/Spillway 20

On April 30, District staff performed a field review of the Bull Creek stream zone downstream of Spillway No. 20 with Carlton Engineering, Inc. and EN2 Resources, Inc. representatives to inspect the stream channel conditions and Bull Creek Recreational Tract road culvert. The purpose of the field inspection was to begin addressing USFS staff questions regarding Spillway No. 20 operations and Bull Creek that were raised at the April 21 EID/USFS meeting on the project.

EN2 Resources assisted District staff with identifying and assembling construction contractor plan requirements for inclusion in the construction bid specifications. EN2 Resources also assisted District staff with preparing a letter response to USFS correspondence regarding the plans for and timing of District and USFS project reviews.

Lake Aloha Dam Maintenance and Telemetry Station Installation Project

Based on comments received from the USFS, EN2 Resources revised the archaeological and historical resources reports for District submittal to the USFS for approval.

The District transmitted an application for Nationwide Permit Nos. 3 and 33 on May 3 to the U. S. Army Corps of Engineers. EN2 Resources provided draft Streambed and Lakebed Alteration Agreement applications to the District for review and transmittal to the California Department of Fish and Game. With the State Water Resources Control Board 401 Certification previously submitted, requests for agency review/approval still have to be submitted to the U. S. Forest Service (Special Use Permit for helicopter staging area and consistency review of project with Forest Plan), Regional Water Quality Control Board (letter of explanation confirming no permits are required), and after all other approvals are received, the Federal Energy Regulatory Commission (Authorization to Proceed).

Transportation/Trails Plans

District and EN2 Resources coordinated on the possible addition of fencing repairs/maintenance and associated trails to the Transportation/Trails Plan. EN2 Resources met with the consultant team on May 7 to begin refining the scope of the work plan in anticipation of receiving a notice to proceed from the District.

Relicensing Activities

The District and Forest Service participated in a March 31 meeting to discuss District/USFS schedules and review processes for CIP engineering and construction actions for 2004 and 2005. District management, Project Engineers and consultants, and Forest Service management and representatives from the Placerville, Pacific, and Lake Tahoe Basin Management Unit districts participated in the meeting, which included a project-by-project review and discussion of contacts and procedures for planning and Forest Service review of the projects.

Camp 2 Short-Cut Access Road

The USFS indicated that it has decided not to permit the District to rehabilitate and use the Camp 2 Short-Cut Road on a seasonal basis as the District had requested, and that the road will be permanently closed. The District will continue planning and consulting with the USFS on required actions for stabilizing a surface slide and addressing vandalism of a National Register of Historic Places-eligible rock wall on the primary Camp 2 access road.

EID is awaiting a proposal from the USFS to close the Camp 2 Short-Cut road.

SPI Plum Creek Staging Area SWPPP Maintenance

District Camp 5 staff replaced and improving SWPPP BMPs at the Plum Creek staging area based on poor performance of the existing SWPPP BMPs during this past winter. The improvements to the BMPs include installing larger diameter straw wattles, reorienting the layout of the wattles, and re-grading and placement of 6-12 inch rock in the main drainage area to reduce erosion and better contain sediment.

Mill Creek Diversion Modification Project (Bore Hole)

District staff met on March 10 to discuss the potential methods, feasibility and environmental considerations of drilling the bore hole from Mill Creek downward to the Mill to Bull Tunnel, versus the currently proposed drilling of the bore hole from the Mill to Bull Tunnel upward to Mill Creek. Reconsideration of the construction methods is partly in response to comments from R. Kanz of the SWRCB on the District's CEQA Initial Study that the District should reconsider the Mill Creek downward drilling method. District is evaluating its options.

2004 Project 184 Planned CIP Projects:

- Hazel Creek Tunnel
- Lake Aloha Telemetry/Dam Repairs
- Spillway 20
- Camp 2 Bridge and Slide
- Silver Lake Spillway Automation
- Echo Lake Outlet Valve Automation/Spillway Valve
- Slide Repairs Flume 6&7,
- Special Use Permit/ Road Work
- New Canal SCADA Alarms
- Install Weather Station

- Replace Flume 52 Engineering
- Rebuild Spillway Chutes Plan
- Engineering For Flumes 31, 49-50 Concrete Flume
- Engineering Echo Conduit and Tunnel Repairs
- Deer Fencing Plan
- Fence Camp 5

***Akin Powerhouse Water Quality Monitoring**

The final water quality monitoring events were performed on December 17 and 19 upstream and downstream of the Akin Powerhouse. The monitoring began in mid-October and was performed an average of once per week to assess potential changes in water quality during a wide range of start- up and testing procedures for the powerhouse. Results indicate that Akin Powerhouse operations had negligible effects on South Fork American River water quality conditions during the monitoring periods. SWPPP measures are in place and inspections are being performed as required.

***Powerhouse Update:**

EID is operating the powerhouse between 18 to 20mw. Currently we are operating both Units 24 hours a day, while we perform further testing.

***Canal**

The flows in the canal are being regulated by A-12 requirements for minimum fish flows. Fish life this month per the settlement agreement is 129cfs at A-12, beginning May 1st. Current flows in canal are ranging between 145-150 cfs. The canal is being patrolled on a daily basis and there have been no major problems found which would prevent the canal to be filled to its capacity. SCADA is being manned 24 hours a day to insure the reliable and safe operation of the canal. Further automation of the Diversion Structure is planned to control A-12 (Fish Release's) and A-11 (canal flows).

EID is continually working on its automation to control the Diversion Structure at the intake to regulate the float controller to allow EID to satisfy the A-12 minimum flow requirements and place balance of water in the canal at A-11. This will allow EID to operate with much tighter flows, maximizing generation production. Mead & Hunt continues to provide engineering support on the remaining tasks to be completed at Intake.

EID is in the preliminary stages of beginning work on the Hazel Creek Tunnel. Access Road and site clearing is scheduled to begin February 9, 2004, with burning of brush scheduled to be completed by May 31, 2004. This project is expected to be in progress between February 9 though October 31, 2004, at which time EID expects to be completed.

Tributary flows:

No tributaries are being diverted at this time.

Echo Lake

Installed three rows of spill boards and began filling Lake on May 6th

Caples Lake

Three rows of spill boards were installed in the spillway on May 30th

Silver Lake

The Radial Gates were close on Saturday April 10th and the Lake is being held at approximately 22ft. (.7ft. below full).

Lake Aloha

Lake Aloha is shut down for the winter, which is the normal operating pattern.

A visit to the Lake was made on Thursday April 8th at that time the Lake elevation was. Staff 13.7ft. =1195 af.

DWR Bulletin 120 states that it's a Dry Year. EID will be posting our 2004 operating plan on the website by May 15th.

Listed below are the Projects readings for May 11, 2004, taken from SCADA:

| | Staff | Ac. Ft. | Draft |
|---------------|--------------|----------------|--------------|
| Echo Lake | 0 | 0 | 0 |
| Echo Conduit | 0 | 0 | 0 |
| Echo Creek | 2.65 | 841.54 | 18.8 cfs |
| Caples Lake | 51.44 | 16,113 | 28.7 cfs |
| Silver Lake | 21.65 | 8,119 | 110.3 |
| Pyramid Creek | 2.65 | | 53.63 |

There is 147.8 cfs @ A-11cfs being released into the canal at Intake and 602.0 cfs flowing in the South Fork of the American River at Intake.

A-17 Forebay Storage 3797.66 = 307 AF

A-18 EID Irrigation Usage is 1.00 = 20.66 cfs

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